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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Earthquakes Vocabulary

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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3P |  |  |  M |  |  |  V |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 4S |  U |  R |  F |  A |  C |  E |  W |  A |  V |  E |  S |  |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 5N |  |  |  |  |  |  |  |  |  |  A |  |  |  N |  |  |  R |  |  |  |  |  |  |
|  |  |  |  |  | 6R |  |  O |  |  |  |  |  |  |  | 7M |  |  V |  |  |  T |  |  |  S |  |  |  |  |  |  |
|  |  |  |  |  |  I |  |  R |  |  |  | 8S |  |  |  |  E |  |  E |  |  |  M |  |  |  E |  |  |  |  |  |  |
|  |  |  |  |  |  C |  |  M |  |  |  |  E |  | 9S |  T |  R |  E |  S |  S |  |  A |  |  |  F |  |  |  |  |  |  |
|  |  |  |  |  |  H |  |  A |  |  |  |  I |  |  |  |  C |  |  |  |  |  G |  |  |  A |  | 10T |  |  |  |  |
|  |  |  |  |  |  T |  |  L |  |  |  |  S |  |  |  |  A |  | 11M |  A |  G |  N |  I |  T |  U |  D |  E |  |  |  |  |
|  |  |  |  |  |  E |  |  F |  |  |  |  M |  | 12S |  |  L |  |  |  |  |  I |  |  |  L |  |  N |  |  |  |  |
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|  |  |  |  | 14E |  A |  R |  T |  H |  Q |  U |  A |  K |  E |  | 15C |  O |  M |  P |  R |  E |  S |  S |  I |  O |  N |  |  |  |  |
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|  |  |  |  |  |  | 20S |  T |  R |  I |  K |  E |  S |  L |  I |  P |  F |  A |  U |  L |  T |  |  |  |  |  |  |  |  |  |
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| **Across****4.** Seismic waves that move slower then P and S waves, but they can produce more severe ground movements**9.** A forces that acts on an area of rock to change its shape or volume**11.** A number that geologist assign to an earthquake based on the earthquake's size**13.** Block of rock that lie below**14.** The shaking that results from sudden movement of rock along a fault**15.** Type of stress that squeezes rock until it folds or breaks**16.** The area beneath Earth's surface where rock under stress breaks, triggering an earthquake**18.** The point on the surface directly above the focus**19.** Block of rock that lies above**20.** Rocks on either side of a strike- slip fault, slip past each other, with little up or down motion | **Down****1.** A rating system that estimates the total energy released by an earthquake**2.** The hanging wall moves up relative to the footwall**3.** Seismic waves that compress and expand the ground like an accordian**5.** The hanging wall slips down relative to the footwall**6.** A scale that assigns magnitude number to an earthquake based on the size of the seismic waves**7.** A scale devolved to rate earthquakes according to their intensity, or strength at a give place**8.** Where the seismic waves are measured**10.** Type of stress that pulls on the crust, stretching rock so that is becomes thinner in the middle**12.** Seismic waves that vibrate side to side as well as up and down**17.** Stress that pushes a mass of rock in two opposite directions |